

RAW SEQUENCE LISTING PAGE: 1 PATENT APPLICATION US/09/519,728 DATE: 03/27/2000 TIME: 15:41:54

Input Set: I519728.RAW

This Raw Listing contains the General Information Section and up to first 5 pages.

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<110> APPLICANT: Weintraub, Bruce D.
           Szkudlinski, Mariusz
     <120> TITLE OF INVENTION: MUTANTS OF THYROID STIMULATING HORMONE
 3
           AND METHODS BASED THEREON
     <130> FILE REFERENCE: UOFMD.002C1
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     <141> CURRENT FILING DATE: 2000-03-03
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     <151> EARLIER FILING DATE: 1998-09-17
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22
                                            25
           Phe Ser Arg Ala Tyr Pro Thr Pro Leu Arg Ser Lys Lys Thr Met Leu
23
24
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           Val Gln Lys Asn Val Ser Glu Ser Thr Cys Cys Val Ala Lys Ser Tyr
25
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                                                        60
26
           Asn Arg Val Thr Val Met Gly Gly Phe Lys Val Glu Asn His Thr Ala
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           Ala Tyr Cys Leu Thr Ile Asn Thr Thr Ile Cys Ala Gly Tyr Cys Met
39
                                            25
           Thr Arg Asp Ile Asn Gly Lys Leu Phe Leu Pro Lys Tyr Ala Leu Ser
40
41
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           Gln Asp Val Cys Thr Tyr Arg Asp Phe Ile Tyr Arg Thr Val Glu Ile
42
43
           Pro Gly Cys Pro Leu His Val Ala Pro Tyr Phe Ser Tyr Pro Val Ala
44
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45		65				70					75					80	
46		Leu Ser	Cys	Lys	Cys	Gly	Lys	Cys	Asn	Thr	Asp	Tyr	Ser	Asp	Cys	Ile	
47			-	_	85					90					95		
48		His Glu	Ala	Ile	Lys	Thr	Asn	Tyr	Cys	Thr	Lys	Pro	Gln	Lys	Ser	Tyr	
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62								Ser	Lys	Glu	Pro	Leu	Àrg	Pro	Arg	Cys	
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64		cgc ccc															160
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66		10				15					20					25	
67		tgc ato															208
68		Cys Ile	: Thr	Val	Asn	Thr	Thr	Ile	Cys	Ala	Gly	Tyr	Cys	Pro		Met	
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70 ,		acc cgo															256
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72				45					50					55			
73		aac tad															304
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76		cgc ggd															352
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82		cac cc															448
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85		aag gc															496
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<400> SEQUENCE: 4 95

tcaatccgc 96

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Line ? Error/Warning Original Text

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PREVIOUSLY ERRORED SEQUENCES-EDITED

1 <210> 4

2 <211> 9

3 <212> DNA

4 <213> Homo sapien

5 <400> 4

6 tcaatccgc

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